

CLAIMS

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1. Robot including at least one linkage device in which pull rods are arranged in a multi-joint system where the joints include three-axle ball and socket joints characterised in that a bearing means (3) is fixed so that it does not rotate in a housing (2) in the socket of a joint (1), where housing (2) includes a surface (4) against which the bearing means (3) abuts and that the surface (4) is designed with friction-increasing means (5).
 2. Device according to claim 1 characterised in that the bearing means (3) comprises an annular bearing means (3').
 3. Device according to claims 1-2 characterised in that the friction-increasing means (5) penetrate its material by a permanent deformation of the bearing means (3).
 4. Device according to claims 1-3 characterised in that the friction-increasing means (5) are designed in the form of grooves (5').
 5. Device according to claims 1-4 characterised in that bearing means (3) abuts with surface (4) and is pressed to fit tightly.
 6. Device according to claim 4 characterised in that grooves (5') are oriented primarily parallel with the central axis (A) of the bearing means.
 7. Device according to claims 1-6 characterised in that the bearing means is made of a polymer material.
 8. Device according to any of claims 1-7 characterised in that the robot is a delta robot.
 9. Method for a robot including at least one linkage device in which pull rods are arranged in a multi-joint system where the joints include three-axle ball and socket joints and where a socket (1) of a joint is provided with a housing (2) to accommodate a bearing means (3), where the housing (2) is provided with a surface (4) against which the bearing means abuts characterised in that bearing means (3) is fixed so that it does not

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rotate in housing (2) by providing surface (4) with friction-increasing means (5) that are brought to engage with bearing means (3) when bearing means (3) is positioned in place.

5 10. Method according to claim 9 characterised in that the bearing means (3) is pressed to fit tightly in place in the housing (2) of the joint socket (1).

10 11. Method according to claim 9 characterised in that friction-increasing means (5) deform the material of the bearing means by permanent deformation when bearing means (3) is placed in position.

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